

ABSTRACT OF THE DISCLOSURE

A method of joining coiled sucker rod in the
5 field. In its most basic form, the method includes a
first step of placing abutting ends of sucker rod in
face to face relation. A second step involves
positioning a gas burner in proximity to the abutting
ends of sucker rod and heating the abutting ends with a
10 hydrocarbon gas flame while applying axial pressure to
force the abutting ends together. A third step involves
continuing heating and applying pressure until a weld
is formed with a bulge formed above the weld which is
at least one third of the diameter of the welded rod.
15 A fourth step involves keeping the pressure constant
until the weld cools.